IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Application No.:	10/692,507	Examiner: Singh, Sunil
Filing Date:	10/24/2003	Group Art Unit: 3673
Inventor:	Timothy S. Simpson	Attorney Docket: 022082.0003US
For:	**"DRAINAGE MANAGEMENT SYSTEM AND METHODS"**	**RESPONSE**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

Dear Sir:

This Response is filed in reply to a correspondence from the Patent Office carrying a mailing date of December 11, 2006, to which a full response must be filed no later than January 11, 2007, in order to avoid a holding of abandonment.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (withdrawn) A storm water detention system comprising a basin sized and positioned to accumulate storm water, an outlet, and a flow limiting structure impeding flow of water out of the basin through the outlet, the flow limiting inlet structure comprising:

a set of two or more baffles adapted to hinder floating surface contaminants into the outlet;

a discharge riser having openings sized or spaced such that a discharge flow rate remains substantially independent of the water depth;

wherein each of the baffles has a upper edge and a lower edge;

the upper edge defines a upper opening;

the lower edge defines a lower opening; and

wherein each baffle is coupled to the riser such that water is able to flow over the upper edge into the riser through the upper opening.

2. (withdrawn) The system of claim 1 wherein the set of two or more baffles are a tiered set of nested baffles wherein:

each baffle that is nested within another baffle is positioned at a lower height that the baffle it is nested within;

the baffles of the set of baffles overlap each other;

the difference in height between the upper edge of any baffle that is nested within another baffle and the lower edge of the baffle it is nested within is at least 1/2 inch; and

wherein the baffles have relative spacing such that the discharge rate remains substantially independent of the water depth.

3. (Previously presented) A flow limiting inlet structure comprising:

a tiered set of one or more baffles coupled to an outlet; wherein each of the baffles has a upper edge and a lower edge;

wherein the upper edge defines a first opening and the lower edge defines a second opening; and

wherein each baffle is sized or configured such that a discharge rate through the outlet remains substantially independent of the water depth.

4. (Previously presented) A flow limiting inlet structure comprising a discharge riser surrounded by a tiered set of nested baffles wherein an inlet area of the set increases as fluid depth increases, and at least one baffle having a upper edge defining a upper opening allowing water to flow through.

5. (Original) The structure of claim 4 wherein each baffle that is nested within another baffle is positioned at a lower height that the baffle it is nested within.

6. (Canceled)

7. (previously presented) The structure of claim 4 wherein the difference in height between the upper edge of any baffle that is nested within another baffle and a lower edge of the baffle it is nested within is at least 1/2 inch.

8. (Previously presented) The structure of claim 4 wherein a lower inlet area of a baffle of the set of baffles is less than an non-overflow inlet area of the discharge riser.

9. (Previously presented) The structure of claim 4 wherein a lower inlet area of a baffle of the set of baffles is less than half an non-overflow inlet area of the discharge riser.

10. (Previously presented) The structure of claim 4 wherein a lower inlet area of a baffle of the set of baffles is less than one third an non-overflow inlet area of the discharge riser.

11. (Original) The structure of claim 4 wherein the number of baffles in the set of baffles is at least X where X is one of 2, 3, and 4.

12. (Previously presented) The structure of claim 4 wherein each baffle is sized or configured such that a discharge rate through an outlet remains substantially independent of the water depth.

13. (Previously presented) The structure of claim 4 wherein the discharge riser has openings sized or positioned such that a discharge rate through a outlet remains substantially independent of the water depth.

14. (previously presented) A flow limiting inlet structure comprising a discharge riser surrounded by a tiered set of nested baffles wherein an inlet area of the set increases as fluid depth increases, and at least one baffle having a upper edge defining a upper opening allowing water to flow through and further wherein each baffle is sized or configured such that a discharge rate through an outlet remains substantially independent of the water depth.

15. (previously presented) A flow limiting inlet structure comprising a discharge riser surrounded by a tiered set of nested baffles wherein an inlet area of the set increases as fluid depth increases, and at least one baffle having a upper edge defining a upper opening allowing water to flow through and further wherein the discharge riser has openings sized or positioned such that a discharge rate through a outlet remains substantially independent of the water depth.

REMARKS

The Examiner states in the Advisory Action that restriction of the following inventions is required under 35 U.S.C. §121:

I) Claims 1-2, drawn to storm water detention system, classified in class 405, subclass 52

II) Claims 3-5, 7-17, drawn to flow limiting inlet structure, classified in class 210, subclass 522.

The Examiner states that Group I and Group II are related as combination and subcombination. The Examiner requires a restriction between the combination and the subcombination inventions.

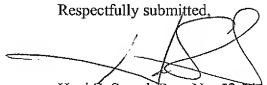
Applicant chooses to continue with the claims directed in group II directed to the flow limiting inlet structure. Applicant notes with appreciation that the Examiner has already indicated in a previous Office Action that Claim 1 and Claim 2 are allowable. Applicant has therefore filed a divisional application to this parent relating to Claim 1 and Claim 2. Therefore, Applicant hereby cancels Claims 1 and 2 from consideration of this pending parent application.

SUMMARY

Applicant's counsel has addressed all issues raised by the Examiner in this Office Action. If any issues have not been adequately addressed it was purely unintentional and the Examiner is invited to telephone counsel. The application now appears to be in condition for passage to allowance and such action is earnestly solicited.

Dated: January 4, 2007

Respectfully submitted,



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